

23448



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of: Docket No.: 2771-515-CIP **Applicants:** CHEN, Tianniu, et al. Conf. No.: 6696 **Application No.:** 10/650,282 **Art Unit:** 1621 Date Filed: August 28, 2003 **Examiner:** Samuel A. Barts Title: **STABILIZED** Customer No.:

CYCLOSILOXANES FOR

USE AS CVD PRECURSORS FOR LOW-DIELECTRIC CONSTANT THIN FILMS

FIRST CLASS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, First Class Mailed under

the provisions of 37 CFR 1.8.

July 2, 2007

Date of Mailing

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN U.S. PATENT APPLICATION NO. 10/650,282

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached Form(s) PTO/SB/08a and/or PTO/SB/08b. One copy of each foreign patent cited is attached. It is respectfully requested that the information be expressly

considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

Steven J. Hultquist

Reg. No. 28,021

Attorney for Applicants

INTELLECTUAL PROPERTY/ TECHNOLOGY LAW Phone: (919) 419-9350

Fax: (919) 419-9354

Attorney File No.: 2771-515-CIP-RCE

**Enclosures:** 

IDS Form(s) [ 1 pg(s).]

Foreign Patent References [ 94 pgs.]

The USPTO is hereby authorized to charge any deficiency or credit any overpayment of fees properly payable for this document to Deposit Account No. 08-3284

PTO/SB/08a (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 10/650,282 **Application Number** Filing Date August 28, 2003 First Named Inventor Chen et al. Art Unit 1621 Samuel A. Barts **Examiner Name** 

(Use as many sheets as necessary)

1 2771-515-CIP Attorney Docket Number Sheet

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	No.	Number - Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Figures Appear		
	AV	US- 6,451,712 - B1	09-17-2002	Dalton, Timothy Joseph, et al.			
	AW	US- 2003/0146451 - A1	08-07-2003	Huang, Elbert Emin, et al.			
	AX	US- 2003/0044531 - A1	03-06-2003	Ishida, Hiroshi			
	AY	US- 2005/0268849 - A1	12-08-2005	Ishida, Hiroshi			
	AZ	US- 7,011,864 - B2	03-14-2006	Ishida, Hiroshi			
	BA	US- 2004/0087184 - A1	05-06-2004	Mandal, Robert P., et al.			
	ВВ	US- 2005/0130404 - A1	06-16-2005	Moghadam, Farhad, et al.			
	вс	US- 6,936,551 - B2	08-30-2005	Moghadam, Farhad, et al.			
	BD	US- 2004/0071878 - A1	04-15-2004	Schuhmacher, Jorg, et al.			
	BE	US- 2003/0077918 - A1	04-24-2003	Wu, Hui-Jung, et al.			
	BF	US- 6,495,479 - B1	12-17-2002	Wu, Hui-Jung, et al.			
	BG	US- 2003/0124785 - A1	07-03-2003	Xu, Chongying, et al.			
	вн	US- 2005/0181613 - A1	08-18-2005	Xu, Chongying, et al.			
		US-					
		US-					
		US-					
		US-					
***************************************		US-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵	
	ВІ	EP - 1 321 469 - A1	06-25-2003	Mayorga, Steven Gerard, et			
	ВЈ	WO - 2004/027110 - A2	04-01-2004	Teff, Daniel J., et al.			
						_	

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.